

SECTION 09965

ANTI-GRAFFITI PROTECTIVE COATING

PART 1 GENERAL

1.01 SUBMITTALS

- A. Product Data: Submit manufacturer's specifications, application instructions, and general recommendations. Include data substantiating that materials are recommended by manufacturer for applications indicated and comply with requirements.

1.02 QUALITY ASSURANCE

- A. Comply with California Air Resources Board (CARB) requirements for maximum Volatile Organic Compound (VOC) content.
- B. Application Qualifications: A firm with not less than 3 years of successful experience in application of coating of type required on substrates similar to those of this project.

1.03 DELIVERY AND STORAGE

- A. Deliver materials in original sealed containers, clearly marked with manufacturer's name, brand name, and type of material.
- B. Store material in area where temperatures are not less than 50 degrees F. (10 degrees C) or over 90 degrees F (32.2 degrees C).

1.04 PROJECT CONDITIONS

- A. Environmental Requirements: Do not proceed with application of materials to frozen or frost filled surfaces, and when ambient temperature is less than 50 degrees F or expected to fall below 50 degrees F within 24 hours, and do not apply materials at temperatures above 90 degrees F.
- B. Apply materials only to a dry surface.
- C. Do not expose materials to sulfuric or nitric acids.
- D. Do not aerate materials during mixing or application.
- E. Do not thin or dilute materials.
- F. Follow manufacturer's environmental and safety precautions, and protect adjacent materials.

PART 2 PRODUCTS

2.01 MANUFACTURER AND PRODUCT

- A. Manufacturer: Tamms Industries Co., 714/986-7667.

- B. Product:
1. Aquathane: A two component, non-yellowing, aliphatic polyurethane solvent base coating system.
 2. Aquathane Primer: A one component, water based, milky liquid, polymer emulsion, that dries clear.
 3. Color: Special color and finish as directed by Architect.

PART 3 EXECUTION

3.01 INSPECTION

- A. Examine surfaces to assure conditions are acceptable for application of materials. Correct improper conditions.

3.02 PREPARATION

- A. Clean surfaces to remove dust, dirt, oil, wax, efflorescence and other foreign materials, in accordance with manufacturer's instructions.
- B. Provide sandblasting as recommended by manufacturer.
- C. Protect adjoining work from spillage or blow-over. Cover adjoining and nearby surfaces of aluminum and glass where there is possibility of material being deposited on surfaces. Cover live plant materials with drop cloths. Clean material from adjoining surfaces immediately after spillage. Comply with manufacturer's recommendations for cleaning.

3.03 APPLICATION

- A. Mix components as recommended by manufacturer.
- B. Use airless spray equipment and spray tips as recommended by manufacturer. Where necessary use brush or short nap roller.
- C. Coverage: Rates shall depend on surface temperature, porosity and texture and shall be in accord with manufacturer's published schedules and recommendations.

END OF SECTION